

S. R. A.—B. A. I. 153.

JOHN R. MOHLER, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

JANUARY, 1920.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.**Meat Inspection Inaugurated.**

35-A. Birmingham Packing Co. (Inc.), 53 Little West Twelfth Street, New York, N. Y.

270. International Vegetable Oil Co., Augusta Road, Savannah, Ga.

*531-A. Hatley Bros. Co., P. O. box 287, New Richmond, Wis.

*134. The Skinner Co., 6023 South Twenty-seventh Street, Omaha, Nebr.

302. The N. K. Fairbank Co., Gretna, La. (substation of New Orleans).

923. F. E. Patrick-Young Co., Ninth to Tenth Byrd Streets, Richmond, Va.

Horse-Meat Inspection Inaugurated.

*E-55. Hugo Strauss Packing Co. (Inc.), 286 Johnson Avenue, Brooklyn, N. Y.

Meat Inspection Withdrawn.

850. C. A. Davis, Haverhill, Mass. (was under suspension).

904. Peerless Food Products Co., 2707 West Division Street, Chicago, Ill.

942. Lorch Bros., 122-124 North Delaware Avenue, Philadelphia, Pa.

Change in Name of Official Establishments.

326. D. Colquhoun & Son (Inc.) and Liberty Stores Co., Roberts & Oake, of New England (Inc.), 11 Terminal Way, Providence, R. I., instead of D. Colquhoun & Son (Inc.), 39 Earle Street, Central Falls, R. I.

63. Max Koschel (Inc.), 61 Paterson Avenue, Hoboken, N. J., instead of Max Koschel.

31. R. J. Workman Co. and Goetjen & Workman, 906-910 Webster Street, San Francisco, Calif., instead of Goetjen & Workman.

421. Allied Packers (Inc.) and W. S. Forbes & Co. (Inc.), Tenth and Byrd Streets, Richmond, Va., instead of W. S. Forbes & Co.

*421-A. Allied Packers (Inc.) and W. S. Forbes & Co. (Inc.), Hermitage Road, Richmond, Va., instead of W. S. Forbes & Co.

315. Thrift Packing Co. and Chili Products Co., 600 South Pacific Avenue, Dallas, Tex., instead of Thrift Packing Co. (Inc.).

*143. Allied Packers (Inc.), and Macon Packing Co., Bay and Hammond Streets, Macon, Ga., instead of Macon Packing Co.

Change in Address of Official Establishment.

115. Garden City Canning Co. (Inc.), 962-966 North Alder Street, Philadelphia, Pa., instead of 119 Fillmore Street, Riverside, N. J.

Changes in Officials in Charge.

Topeka, Kans., Dr. H. M. Graefe, instead of Dr. B. W. Murphy.

Fort Worth, Tex., Dr. R. E. Jackson (acting) instead of Dr. Harry Grafke.

Des Moines, Iowa, Dr. Wilbur H. Hurst (acting) instead of Dr. R. E. Christopher.

Birmingham, Ala., Dr. C. J. Becker (acting) instead of R. E. Jackson.

Morgantown, W. Va., Mr. E. J. Perry instead of Mr. H. O. Henderson.

Middlebury, Vt., Mr. H. H. Reese instead of Mr. W. F. Hammond.

Changes in Addresses of Officials in Charge.

Dr. James McDonald, 18 Federal Building, Springfield, Ill., instead of 404 Spring Street.

Dr. E. M. Nighbert, 505 Florida National Bank Building, Jacksonville, Fla., instead of 505 Florida Life Building.

* Conducts slaughtering.

Dr. Henry Marshall, 223 Federal Building, Richmond, Va., instead of 201-202 Federal Building.

Dr. A. E. Behnke, 314 Federal Building, Milwaukee, Wis., instead of 432 Federal Building.

Dr. J. E. Gibson, 33 Statehouse, Indianapolis, Ind., instead of 308 Hume-Mansur Building.

Dr. J. B. Hollenbeck, Live Stock Sanitary Board, Bismarck Bank Building, Bismarck, N. Dak., instead of Live Stock Sanitary Board, Capitol Building.

Stations Added.

New Richmond, Wis., meat inspection, Dr. R. H. Nutt, in charge, care Hately Bros. Co., P. O. box 287.

Gretna, La., meat inspection (substation of New Orleans, La.).

Stations Discontinued.

Central Falls, R. I., meat inspection (substation of Providence, R. I.).

Riverside, N. J., meat inspection (substation of Providence, R. I.).

Note.

Dr. J. H. Bux, Old Statehouse, Little Rock, Ark., will have charge of tuberculosis-eradication work in Arkansas, instead of Dr. Marvin Gregory.

Dr. Gregory will continue in charge of tick-eradication work.

METHYL VIOLET FOR DENATURING ALCOHOL.

Orders have been issued by the Commissioner of Internal Revenue requiring that methyl violet for use in denaturing alcohol according to Formula No. 33, specially denatured alcohol, must be approved by the Bureau of Animal Industry before use. The collectors of internal revenue are directed to submit samples of methyl violet intended for this purpose to representatives of the Bureau of Animal Industry for approval. Any such samples received should be forwarded to the Washington meat-inspection laboratory, accompanied with a properly executed M. I. Form 161.

NOTICES REGARDING MEAT INSPECTION.

ALCOHOL FOR USE IN PREPARING MEAT-BRANDING INKS.

By regulation of the Treasury Department dated December 1, 1919, the following formula is added to the list of formulas for specially denatured alcohol given in Internal Revenue Regulation No. 30 revised:

Formula No. 33: To every 100 gallons of pure ethyl alcohol of not less than 180 degrees proof, there shall be added 30 pounds of methyl violet.

Use: Meat-branding inks in establishments under control of Bureau of Animal Industry.

The use of inks in which alcohol denatured according to this formula has been used as an ingredient may be permitted.

PAY FOR OVERTIME WORK AT UNOFFICIAL ESTABLISHMENTS.

Legal opinions have been received from the Solicitor of the department to the effect that when it is administratively determined that the services of

bureau inspectors detailed to unofficial establishments in connection with the inspection and handling of boraxed meats for export or to the ante-mortem inspection in public stockyards are essential to the prompt and effective administration of the meat-inspection law, and overtime work is performed by the inspectors so detailed, then the Secretary of Agriculture may with propriety allow pay for such overtime, Sunday, and holiday work. Accordingly the services of bureau employees when assigned to the duties indicated above will be subject to overtime pay under the same provisions that govern overtime pay at official establishments.

WEARING OFFICIAL BADGE.

Hereafter the badge designated in Regulation 6, section 3, Bureau of Animal Industry Order 211, shall be worn over the left breast on the outer clothing of each employee assigned to ante-mortem inspection, post-mortem inspection, reinspection of meat and products, or supervision of preparation, handling, processing, packing, labeling, or tanking of meat and products while in the performance of such duties.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, DECEMBER, 1919.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	223,886	59,587	370,313	586	922,060
Fort Worth.....	28,800	22,009	8,553	1,939	42,121
Kansas City.....	120,558	25,452	86,729	2,726	344,771
National Stock Yards.....	66,970	17,604	45,686	2,894	203,974
Omaha.....	87,751	12,181	163,065	8	204,817
St. Louis.....	20,188	5,868	5,574	65	168,768
Sioux City.....	35,261	3,721	43,819	18	132,864
South St. Joseph.....	42,572	7,385	69,630	22	232,057
All other establishments.....	334,195	157,832	441,239	1,292	2,538,921
Total: December, 1919.....	960,181	311,639	1,234,608	9,550	4,790,353
December, 1918.....	1,159,785	249,109	970,927	11,637	5,661,890
12 months ending December, 1919.....	10,089,984	3,969,019	12,691,148	87,349	41,811,830
12 months ended December, 1918.....	11,828,549	3,456,393	10,319,877	137,725	41,214,250

Horses slaughtered at all establishments, December, 1919, 123.

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December, 1919, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	11,797	17	4,170	157
Canada.....	55,162	576	11,985	.....
Total: December, 1919.....	66,959	593	16,155	157
December, 1918.....	36,118	1,008	22,971	9,476
12 months ended December, 1919.....	663,973	21,163	186,074	7,667
12 months ended December, 1918.....	363,482	8,147	171,687	41,571


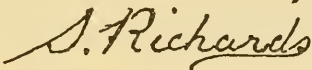
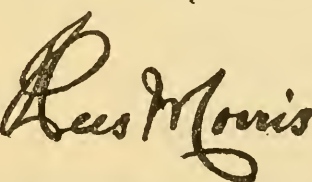
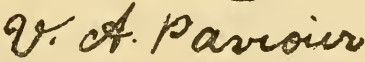
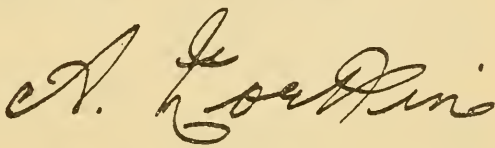
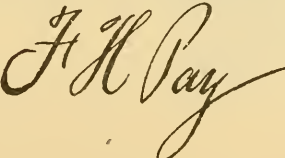
Imports of meat and meat food products.

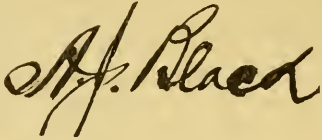
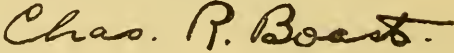

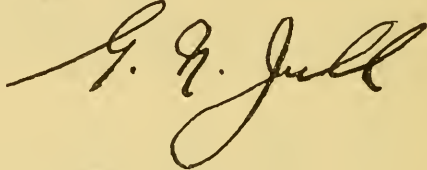
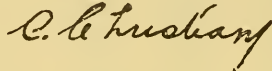
Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina	113,539	350,950		380,980	851,469
Canada	3,511,720	783,518	51,686	75,560	4,422,484
Other countries.....	532,264		22,195	153,510	727,969
Total: December, 1919.....	4,177,523	1,140,468	73,881	610,050	6,001,922
December, 1918.....	3,597,410	447,945	32,988,212	26,694	37,060,261
12 months ended December, 1919.	35,059,287	17,129,887	31,005,160	7,004,360	90,201,694
12 months ended December, 1918.	18,580,068	3,305,643	116,924,931	6,286,382	145,097,024

Condemned in December, 1919: Beef, 15,335 pounds. Refused entry: Beef, 105,110 pounds; pork, 12,005 pounds; total, 117,115 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND ITS PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
AUSTRALIA.	
H. Thompson.	
S. Richards.	
Rees Morris.	
V. A. Paviour.	
A. Lorkin.	
F. H. Pay.	

Country, name, and address.	Signature.
A. J. Black.	
CANADA.	
Charles R. Boast, 1 Common Street, Montreal, Quebec.	
J. H. Ellah, 1 Common Street, Montreal, Quebec.	
G. N. Jull, 1127 Keele Street, Toronto, Ontario.	
O. Christian, 711 Boyd Building, Winnipeg, Manitoba.	

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Name Added to List.

Dr. C. A. Turner, Galesburg, Ill.

Change in Address.

Dr. A. J. Du Frene, from Glendive, Mont., to Sandpoint, Idaho.

PERMITTED DIP FOR CATTLE.

Permission has been granted to Culver & Kidd (Inc.), Milledgeville, Ga., for the distribution of "Glidden Tik-Dip" under the trade name of "Dixie Brand Cattle Dip" for use in the official dipping of cattle for ticks. This dip is manufactured by The Glidden Co., Cleveland, Ohio. The dilution for dipping cattle for interstate movement is 1 gallon of dip to not more than 127 gallons of water. This will yield a solution containing not less than 0.22 per cent actual arsenious oxid.

LICENSES AND PERMITS FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture and permits for the importation of veterinary biological products have been issued as follows for the calendar year 1920, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 265) :

LICENSES ISSUED.

License No.	Date.	Name and address of firm.	Products.
3	1920. Jan. 1...	H. K. Mulford Co., Glen Olden, Pa....	Anthrax vaccine; antianthrax serum; anti-blackleg serum; antibovine abortion serum; anticanine distemper serum; antiequine abortion serum; antihemorrhagic septicemia serum (bovine); antihemorrhagic septicemia serum (swine); anti-influenza serum (equine); antipyogenes bacillus serum (bovine); antistreptococcic serum (equine); antiwhite-scur serum (bovine); autogenous bacteria; blackleg aggrassin; blackleg filtrate; blackleg vaccine; bovine-abortion bacterin; bovine-abortion serobacterin; bovine-abortion serovaccine; canine-distemper serobacteria; equine-abortion bacterin (mixed); equine-abortion serobacterin (mixed); equine-influenza bacterin (mixed); equine-influenza serobacterin (mixed); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); hemorrhagic-septicemia serovaccine (bovine); mallein; normal horse serum; polyvalent bacterin, mixed (bovine); polyvalent bacterin, mixed (equine); polyvalent bacterin, mixed (swine); polyvalent bacterin, mixed (rabbits); pyogenes bacillus serobacterin (bovine); rabies vaccine; staphylo bacterin (equine); strepto bacterin (equine); tetanus antitoxin; tuberculin; white-scur serobacterin, mixed (bovine).
9	Jan. 1...	Lederle Antitoxin Laboratories, Mid-dletown Road, Pearl River, N. Y.	Abortion vaccine (bovine); anthrax spore vaccine; antianthrax serum; anti-blackleg serum; antihemorrhagic septicemia serum (bovine); antihog-cholera serum; anti-influenza serum (equine); antiwhite-scur serum (bovine); blackleg filtrate; blackleg vaccine; canine-distemper mixed vaccine; colon vaccine (equine); equine influenza mixed vaccine; hemorrhagic septicemia combined vaccine (for cattle); hemorrhagic septicemia combined vaccine (for sheep); hemorrhagic septicemia combined vaccine (for swine); hog-cholera virus; mallein; mixed bacterial vaccine (equine); mixed bacterial vaccine (for swine); rabies vaccine; staphylococcus combined vaccine (equine); streptococcus combined vaccine (equine); tetanus antitoxin; tuberculin.
9	Jan. 30	Lederle Antitoxin Laboratories, Mid-dletown Road, Pearl River, N. Y.	White-scours vaccine, mixed (for calves).
17	Jan. 15	Beebe Laboratories (Inc.), 155-163 West Third Street, St. Paul, Minn.	Abortion vaccine, mixed (bovine); antipig dysentery serum; calf-scur vaccine (mixed); hemorrhagic-septicemia vaccine (for fowls); mixed-infection vaccine (for cattle); mixed-infection vaccine (for rabbits).
74	Jan. 5	Ralston Serum Co., Seventy-eighth Street and Serum Avenue, Ralston, Nebr.	Antihog-cholera serum; hog-cholera virus.
83	Jan. 1	E. R. Squibb & Sons, Georges Road, New Brunswick, N. J.	Anticalf-scur serum; anticanine-distemper serum; antiequine-influenza serum; antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); antirabic virus; canine-distemper vaccine; mallein; tetanus antitoxin; tuberculin.

License No.	Date.	Name and address of firm.	Products.
107	1920. Jan. 22	Jensen-Salsbery Laboratories, (Inc.), 520 West Pennway, Kansas City, Mo.	Mastitis mixed bacterin (bovine).
119	Jan. 1	The Gilliland Laboratories (Inc.), Ambler and Marietta, Pa.	Antirabic vaccine; tetanus antitoxin; tuberculin.
124	Jan. 14	Anchor Serum Co., South of Stock Yards, South St. Joseph, Mo.	Antihog-cholera serum; hog-cholera virus.
127	Jan. 7	Liberty Laboratories, Seventy-seventh and Serum Streets, Ralston, Nebr.	Do.
148	Jan. 10	Zell-Straub Laboratories, Suite 1611, Masonic Temple, 159 North State Street, Chicago, Ill.	Equine mixed polyvalent bacterin; equine-influenza mixed bacterin.
149	Jan. 28	National Single Bled Serum Co., near Plainfield, Ind.	Antihog-cholera serum; hog-cholera virus.

PERMIT ISSUED.

2	1920. Jan. 16	Pasteur Laboratories of America, 366 West Eleventh Street, New York, N. Y.	Anthrax vaccine; fowl-cholera vaccine; (produced by Laboratoire des Vaccins Pasteur pour l'Etranger, Paris, France); antianthrax serum; antistreptococic serum; antitetanic serum; fowl-cholera serum; mallein; tuberculin (produced by Labpasteur, Veterinary Department, Institut Pasteur, Paris, France); antistrangles serum; canine-distemper serum (produced by Serum Anti-Gourmeaux Laboratories, Boulogne-Sur-Seine, France); polyvalent vaccine; polyvalent serum; blackleg serum; blackleg vaccine (produced by Institut de Sérothérapie de Toulouse and Paris, France); blackleg vaccine (produced by Prof. Arloing Laboratories, Lyons and Paris, France); blackleg vaccine (produced by Prof. O. Thomas Laboratories, Verdun and Dijon, France).
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QUANTITIES OF VETERINARY BIOLOGICAL PRODUCTS PRODUCED AT LICENSED ESTABLISHMENTS.

Quantities of antihog-cholera serum and simultaneous hog-cholera virus collected in months of November and December, 1916 to 1919, inclusive.

Month.	1916	1917	1918	1919
ANTIHOG-CHOLERA SERUM.				
	C. c.	C. c.	C. c.	C. c.
November.....	19,598,877	23,776,439	64,376,123	23,680,159
December.....	8,682,785	23,641,393	54,457,503	20,861,554
HOG-CHOLERA VIRUS				
November.....	523,364	1,445,199	1,120,047	1,440,668
December.....	456,291	829,095	951,435	1,151,879

Quantities of antihog-cholera serum and hog-cholera virus collected annually, 1915 to 1919, inclusive.

Year.	Serum.	Simultaneous virus.	Hyperimmunizing virus.
	C. c.	C. c.	C. c.
1915.....	208,571,232	6,560,041	76,913,316
1916.....	222,786,853	7,984,318	73,939,548
1917.....	250,041,290	11,267,110	66,902,109
1918.....	528,306,874	16,494,608	145,176,692
1919.....	627,233,287	21,311,598	150,329,089

*Biological products other than antihog-cholera serum and hog-cholera virus,
placed in final containers, calendar year 1919.*

Aggressins:

Blackleg aggressin-----c. c.	17, 378, 772
Blackleg filtrate-----do	7, 312, 501

Antisera:

Antibortion sera (bovine)-----do	33, 729
Antibortion sera (equine)-----do	457
Antianthrax sera-----do	11, 808, 075
Antiblackleg sera-----do	184, 506
Antidistemper sera (canine)-----do	114, 910
Antihemorrhagic septicemia sera (bovine)-----do	536, 236
Antihemorrhagic septicemia sera (lepine)-----do	23, 180
Antihemorrhagic septicemia sera (ovine)-----do	29, 200
Antihemorrhagic septicemia sera (porcine)-----do	728, 084
Anti-influenza sera (equine)-----do	1, 451, 278
Anti-mixed-infection sera (porcine)-----do	273, 865
Antipyogenes bacillus sera (bovine)-----do	7, 251
Antiscours sera (bovine)-----do	621, 007
Antistreptococcic sera (equine)-----do	247, 652
Antitetanic sera-----do	1, 995, 631
Normal sera-----do	1, 500

Bacterial filtrates-----do	418, 140
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Bacterins (killed organisms):

Abortion bacterins (bovine)-----do	1, 644, 983
Autogenous bacterins-----do	18, 074
Colon bacterins (bovine)-----do	12, 224
Colon bacterins (equine)-----do	29, 384
Distemper bacterins (canine)-----doses	564
Distemper bacterins (canine)-----c. c.	270, 837
Distemper bacterins (equine)-----do	9, 910
Hemorrhagic-septicemia bacterins (avian)-----do	203, 436
Hemorrhagic-septicemia bacterins (bovine)-----do	2, 713, 589
Hemorrhagic-septicemia bacterins (ovine)-----do	1, 547, 091
Hemorrhagic-septicemia bacterins (lepine)-----do	17, 826
Hemorrhagic-septicemia bacterins (equine)-----do	74, 978
Hemorrhagic-septicemia bacterins (porcine)-----do	4, 200, 869
Influenza bacterins (equine)-----do	973, 860
Keratitis bacterins (bovine)-----do	19, 000
Mastitis bacterins (bovine)-----do	81, 943
Metritis bacterins (bovine)-----do	19, 000
Mixed-infection bacterins (avian)-----do	5, 750
Mixed-infection bacterins (bovine)-----c. c.	216, 545
Mixed-infection bacterins (canine)-----do	17, 097
Mixed-infection bacterins (equine)-----doses	223
Mixed-infection bacterins (equine)-----c. c.	616, 573
Mixed-infection bacterins (lepine)-----do	105, 460
Mixed-infection bacterins (ovine)-----do	26, 084
Mixed-infection bacterins (porcine)-----do	11, 224, 142
Navel-infection bacterins (equine)-----do	106, 478
Pneumonia bacterins (equine)-----do	25, 460
Scours bacterins (bovine)-----do	240, 703

Scours bacterins (porcine)-----c. c.--	179, 870
Staphylococcic bacterins (canine)-----do----	27, 508
Staphylococcic bacterins (equine)-----do----	94, 002
Streptococcic bacterins (equine)-----do----	233, 229
Diagnostic agents:	
Mallein (disks)-----doses--	11, 205
Mallein (solution)-----c. c.--	134, 768
Tuberculin (disks)-----doses--	5, 989
Tuberculin (solution)-----c. c.--	2, 251, 690
Serobacterins and serovaccines:	
Abortion serobacterins and serovaccines (bovine)-----do----	309, 554
Abortion serobacterins and serovaccines (equine)-----do----	42, 180
Distemper serobacterins and serovaccines (canine)-----do----	8, 326
Hemorrhagic-septicemia serobacterins and serovaccines (bovine)-----c. c.--	89, 972
Influenza serobacterins and serovaccines (equine)-----do----	135, 144
Pyogenes bacillus serobacterins and serovaccines (bovine), c. c.--	14, 873
Scours serobacterins and serovaccines (bovine)-----c. c.--	43, 067
Vaccines, viruses, and toxins:	
Abortion vaccines (bovine) (living organisms)-----do----	486, 779
Anthrax vaccines-----do----	3, 978, 391
Blackleg vaccines (pellets and powder)-----doses--	3, 173, 334
Blackleg vaccines (liquid)-----c. c.--	463, 225
Hemorrhagic-septicemia vaccines (bovine) (attenuated organisms)-----c. c.--	156, 321
Hemorrhagic-septicemia vaccines (ovine) (attenuated organisms)-----c. c.--	760
Rabies vaccines (virus)-----do----	734

VIRUS-SERUM REPORT FORMS AND RECORDS OF FIELD STATIONS.

Summary of instructions for preparing and rendering virus-serum reports and keeping station records.

Form.	When prepared.	By whom prepared.	Number prepared.	Destination.	Subject or purpose.	Station record.
V. L. 1	As required	Establishment	Single	Washington	Application for license	
V. L. 2	do.	do.	do.	do.	Application for permit to import	
V. L. 3	do.	Veterinary inspector	do.	do.	Preparation of hog-cholera virus and anti-hog-cholera serum.	
(B. C. 32)						
V. S. 42-A	Annually	Local office	One for each employee	Station file	Leave and personal record	The form.
V. S. 42-B	As required	Veterinary inspector	Single	Local office	Record of virus tests	Do.
V. S. 42-C	do.	do.	Duplicate	Washington	Report of virus tests	The duplicate.
V. S. 43-B	do.	do.	Single	Local office	Record of serum tests	The form.
V. S. 43-D	do.	do.	do.	Washington	do.	Duplicate.
V. S. 44	Monthly when necessary	Local office	Single	do.	Report on sanitation	Press copy.
V. S. 44-A	Weekly	Bureau employee	do.	do.	do.	The form.
V. S. 44-B	As required	do.	do.	do.	To identify test samples	
V. S. 47-E	Monthly	do.	do.	Local office	Test samples collected	Do.
V. S. 52	Daily	Local office	do.	Washington	Time report	Press copy.
V. S. 52-A	As required	Bureau employee	do.	Local office	do.	The form.
V. S. 53-A	do.	do.	do.	do.	Record of virus pigs	Do.
V. S. 53-B	do.	do.	do.	do.	Hyperimmunizing virus pigs	Do.
V. S. 55	do.	do.	do.	do.	Report of serum mixed	Do.
V. S. 56	do.	do.	do.	do.	Report of serum released	Do.
V. S. 57	do.	Veterinary inspector	do.	Washington	Construction, sanitation, etc., of establishments.	Press copy.
V. S. 57-A	do.	do.	do.	do.	Preparation of bacterins and vaccines	Do.
V. S. 57-B	do.	do.	do.	do.	Preparation of blackleg vaccines	Do.
V. S. 57-C	do.	do.	do.	do.	Preparation of rabies vaccine	Do.
V. S. 57-D	do.	do.	do.	do.	Preparation of serums	Do.
V. S. 57-E	do.	do.	do.	do.	Preparation of diagnostic agents	Do.
V. S. 59	{ Daily Monthly summary As required	{ Establishment Local office do.	{ Duplicate do. do.	{ Local office Washington Establishment	{ Report of operations at establishments, manufacturing veterinary biologics, do. Notice to establishments concerning re- lease of tests.	{ The form. The duplicate. Duplicate.
V. S. 60	As required	do.	do.	do.	Memorandum report of inspection of virus pigs.	The form.
V. S. 62	do.	Veterinary inspector	Single	Local office	Record of hyperimmune hogs	Do.
V. S. 63	do.	Bureau employee	do.	do.	Hyperimmune hogs	Do.
V. S. 63-A	do.	do.	do.	do.	Memorandum report of inspection of hyperimmune hogs.	Do.
V. S. 63-B	do.	Veterinary inspector	do.	do.	do.	Do.

Summary of instructions for preparing and rendering virus-serum reports and keeping station records—Continued.

Form.	When prepared.	By whom prepared.	Number prepared.	Destination.	Subject or purpose.	Station record.
V. S. 67	As required.....	Bureau employee.....	Duplicate.....	Local office.....	U. S. discarded.....	The duplicate.
V. S. 68	do.....	do.....	Single.....	do.....	Virus and serum destroyed.....	The form.
V. S. 69	do.....	Establishment.....	Duplicate.....	Establishment.....	Permission to remove animals.....	Duplicate.
V. S. 70	Monthly.....	Local office.....	Single.....	Washington.....	Monthly report of production.....	Press copy.
V. S. 70-A	Daily.....	Establishment.....	Duplicate.....	Local office.....	Daily report of production.....	The form.
V. S. 71	Monthly.....	Local office.....	Single.....	Washington.....	Monthly production clarified products.....	Press copy.
V. S. 71-A	Daily.....	Establishment.....	Duplicate.....	Local office.....	Daily production clarified products.....	The form.
V. S. 72	Monthly.....	Local office.....	Single.....	Washington.....	Monthly report of exchange of products.....	Press copy.
V. S. 73	do.....	do.....	do.....	do.....	Monthly report of tests.....	Do.
V. S. 74	do.....	do.....	do.....	do.....	Report of inspections.....	Do.
V. S. 75 ¹	As required.....	Veterinary inspectors.....	do.....	do.....	Report of inspection of animals and results of tests.	The form or duplicate.
V. S. 76	do.....	Local office.....	Quadruplicate.....	Local office.....	Schedule of products and subcultures submitted for laboratory examination.	Quadruplicate.

¹ This report is to be made in duplicate, when animals are rejected or tests inaugurated or concluded, the original being forwarded to the Washington office by the inspector in charge.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER, 1919.

Station.	States.	Tuberculin tests.			Em- ploy- ees.		Total accredited herds in State.	Inspector in charge.	State official.
		Herd or lots.	Cattle tested.	Reacted.	Bureau.	State.			
Albany, N. Y.	N. Y.	81	3,303	272	5	5	12	H. B. Leonard..	D. W. McLaury, Albany.
Atlanta, Ga.	Ga.	17	629	6	1	2	6	W. M. MacKellar.	P. F. Bahnsen, Atlanta.
Baltimore, Md.	Md.	49	603	82	7	1	45	T. A. Ladson....	R. C. Reed, Baltimore.
Birmingham, Ala.	Ala.	31	1,006	9	1	1	26	R. E. Jackson....	C. A. Cary, Auburn.
Bismarck, N. Dak.	N. Dak.	95	2,220	74	3	5	126	H. H. Cohenour..	W. F. Crewe, Bismarck.
Boston, Mass.	Mass.	14	884	6	4	...	10	E. A. Crossman..	L. H. Howard, Boston.
Do.	Me.	68	856	39	3	3	108	do.	Boyden Bearce, Augusta.
Do.	R. I.	4	45	4	...	...	2	do.	J. S. Pollard, Providence.
Do.	Conn.	24	646	28	1	1	6	do.	J. M. Whittlesey, Hartford.
Do.	N. H.	10	313	49	1	...	2	do.	A. L. Felker, Concord.
Charleston, W. Va.	W. Va.	47	574	19	4	2	9	Geo. W. Neff....	J. H. Stewart, Charleston.
Chicago, Ill.	Ill.	82	1,349	108	7	5	23	J. J. Lintner....	A. T. Peters, Springfield.
Columbia, S. C.	S. C.	12	186	2	2	1	23	W. K. Lewis....	R. O. Feeley, Clemson College.
Columbus, Ohio.	Ohio	111	1,896	118	7	9	74	Leo E. Davis....	T. A. Burnett, Columbus.
Des Moines, Iowa.	Iowa	77	2,069	131	5	3	7	F. H. Thompson..	R. D. Wall, Des Moines.
Frankfort, Ky.	Ky.	28	509	6	3	1	34	W. F. Biles....	S. F. Musselman, Frankfort.
Harrisburg, Pa.	Pa.	112	1,816	162	6	4	77	P. E. Quinn....	T. E. Munce, Harrisburg.
Helena, Mont.	Mont.	78	2,279	49	4	3	27	R. Snyder....	W. J. Butler, Helena.
Indianapolis, Ind.	Ind.	70	1,767	53	6	5	68	J. E. Gibson....	L. E. Northrup, Indianapolis.
Jackson, Miss.	Miss.	184	1,783	10	3	1	18	J. A. Barger....	E. M. Ranck, Agricultural College.
Jefferson City, Mo.	Mo.	99	2,720	35	4	4	1	Ralph Graham..	D. F. Luckey, Jefferson City.
Lansing, Mich.	Mich.	58	1,226	43	5	1	49	T. S. Rich....	H. H. Halladay, Lansing.
Lincoln, Nebr.	Nebr.	46	971	42	2	5	9	S. E. Cosford....	W. T. Spencer, Lincoln.
Little Rock, Ark.	Ark.	1	46	1	1	...	...	M. Gregory....	R. M. Gow, Little Rock.
Madison, Wis.	Wis.	134	3,608	111	8	5	41	J. S. Healy....	C. F. Norgard, Madison.
Montpelier, Vt.	Vt.	283	3,827	388	5	5	35	A. J. De Fosset..	E. S. Brigham, Montpelier.
Nashville, Tenn.	Tenn.	49	1,267	10	4	3	54	Robert Jay....	M. Jacob, Nashville.
New Orleans, La.	La.	39	676	12	2	...	3	R. W. Tuck....	E. F. Fowler, Baton Rouge.
Oklahoma, Okla.	Okla.	23	780	58	2	3	1	W. C. Drake, jr..	J. A. Whitehurst, Oklahoma.
Pierre, S. Dak.	S. Dak.	19	609	149	3	2	8	J. O. Wilson....	A. E. Beaumont, Pierre.
Portland, Oreg.	Oreg.	144	1,924	23	2	2	28	S. B. Foster....	W. H. Lytle, Salem.
Do.	Wash.	316	4,456	228	2	5	12	do.	E. F. Benson, Olympia.
Richmond, Va.	Va.	85	1,846	32	8	1	282	R. E. Brookbank.	J. G. Ferneyhough, Richmond.
Do.	N. C.	51	767	4	3	2	64	do.	Wm. Moore, Raleigh.
St. Paul, Minn.	Minn.	206	5,222	170	12	6	297	W. J. Fretz....	C. E. Cotton, St. Paul.
Salt Lake City, Utah.	Utah	68	1,675	13	3	...	18	F. E. Murray....	R. W. Hoggan, Salt Lake City.
Do.	Idaho	29	469	12	3	...	3	do.	J. D. Adams, Boise.
Do.	Nev.	57	775	60	1	3	...	do.	Edw. Records, Reno.
Tallahassee, Fla.	Fla.	58	1,157	112	2	6	1	J. G. Fish....	J. W. De Milley, Tallahassee.
Topeka, Kans.	Kans.	48	1,403	25	5	1	15	H. M. Graefe....	J. H. Mercer, Topeka.
Trenton, N. J.	N. J.	22	480	26	1	1	6	W. G. Middleton.	J. H. McNeil, Trenton.
Do.	Del.	8	266	34	1	1	4	do.	H. P. Eves, Wilmington.
Washington, D. C.	D. C.	19	66	1	1	...	7	J. A. Kiernan....	do.
Do.	Misc.	20	52	5	1	...	...	do.	do.
Total. ....	.....	3,076	60,521	2,821	154	108	1,641	.....	.....

EMPLOYEES PROHIBITED FROM ENGAGING IN POLITICAL ACTIVITY.

The following letter, dated January 15, 1920, has been received by the Secretary of Agriculture from the president of the United States Civil Service Commission, and is quoted for the information and guidance of all officers and employees of the bureau:

"The commission requests that the individual attention of every competitive classified employee serving in the departmental or field service, under your department, be called to the fact that sections 118, 119, 120, and 121 of the Criminal Code (see 35 Stat., 1110) provide in effect as follows:

"That no legislative, executive, or judicial officer or employee shall solicit or be concerned in soliciting or receiving any money or contribution for political purposes from any other officer or employee of the Government; that no solicitation or receipt of political assessments shall be made by any person in any room or building occupied in the discharge of official duties by any officer or employee of the United States; that no officer or employee shall be discharged or demoted for refusing to make any contribution for political purposes; and that no officer or employee of the Government shall directly or indirectly give or hand over to any other officer or employee in the service of the United States or to any Member or Delegate to Congress any money or other valuable thing for the promotion of any political object whatever."

"Section 122 of the Criminal Code provides that—

"Whoever shall violate any provisions of the four preceding sections shall be fined not more than \$5,000 or imprisoned not more than three years or both."

"Under section 1, rule 1, of the civil service rules, competitive employees, while retaining the right to vote and to express privately their opinions on political subjects, are forbidden to take an active part in political management or in political campaigns. This also applies to temporary employees; employees on leave of absence, with or without pay; substitutes and laborers. Under this rule, a competitive employee may attend political meetings or assemblies, as a spectator, but is prohibited from becoming politically active in city, county, State, or national elections, whether primary or regular, or in behalf of any party or candidate, or any measure to be voted upon."

In this connection, attention is called to paragraph 45 of the administrative regulations relating to political activity on the part of members of the Department of Agriculture. These regulations, as well as the sections of the Criminal Code quoted in the commission's letter and the civil service rules referred to, must be strictly complied with.

AMENDMENT TO FISCAL REGULATIONS.

TRANSFER OF PROPERTY OF TRANSFERRED EMPLOYEE.

By Memorandum No. 297 of the Secretary of Agriculture, dated January 16, 1920, and effective January 16, 1920, sections (p) and (r) of paragraph 86 of the Fiscal Regulations, as previously amended, are further amended to read as follows:

(p) An employee transferred from one official station to another for permanent duty when allowed traveling expenses may, within the discretion and under written instructions of the chief of the bureau in which he serves, be allowed packing, crating, freight, and drayage charges for the transfer of his effects and personal property used in official work: *Provided*, That all such shipments are made in accordance with the provisions of section (r) of this paragraph.

(r) Under the provisions of sections (p) and (q)¹ of this paragraph shipments, if by common carrier, must be made on departmental bills of lading, released to the lowest valuation applicable to household goods shipments. The employee to whom such departmental bill of lading is issued is not authorized to make any change therein, by writing across the face thereof or otherwise, which will raise the classification of, or increase the freight charges on, the shipment. Each account must refer to the authority for the shipment and be accompanied by the certificate of the officer best qualified to make it, that the property so shipped consists of the effects and personal property used in official work of the employee transferred and is exclusively his property, and that the transportation was furnished on the occasion of his permanent transfer to a new official station. Carload shipments must be made when the cost at the carload rate is lower than the cost at the less-than-carload rate.

¹ Paragraph (q) relates only to the Forest Service and is therefore not included here.

PURCHASE OF PROPERTY FROM GOVERNMENT EMPLOYEES PROHIBITED.

By Memorandum No. 299 of the Secretary of Agriculture, dated January 24, 1920, paragraph No. 31 of the Property Regulations of this department is amended to read as follows:

31. *Purchase from Government employees prohibited.*—No supplies or property for the use of the department shall be purchased from any of its employees without the approval of the Secretary. The request for such approval must in each case be accompanied by a statement in writing from the officer certifying the voucher showing the necessity for the purchase and indicating specifically that the purchase from the employee will be more advantageous to the Government than a purchase from any other source.

DATA REQUIRED IN RECOMMENDING APPOINTMENTS.

The attention of inspectors and others in charge, making recommendations for appointment, is again called to previous instructions in Service and Regulatory Announcements of November, 1917, and May, 1918, and in Circular Letter 756 dated June 8, 1918, as to the data necessary to be given in such recommendations. A number of recommendations have been received recently which failed to give the dates of birth, and did not give the names of the prospective employees in the forms in which they were signed later in the personal statement sheets and in the oaths of office.

Please read the above-noted instructions again and see that future recommendations are made strictly in accordance therewith.

REPORTING INJURIES TO EMPLOYEES.

In all cases of injuries to bureau employees resulting in any loss of time or where there is a medical, surgical, or transportation expenditure involved which constitutes a charge against the Compensation Commission, officials in charge of field stations are directed to forward reports and claims direct to the United States Employees' Compensation Commission, Washington, D. C.

INSTRUCTIONS CONCERNING MONTHLY TIME REPORTS.

Employees charged with the duty of preparing and rendering monthly time reports T-40 or T-40a are hereby instructed to discontinue the practice of indiscriminately indicating thereon the figure "1" in all spaces, Sundays and holidays included. Sunday and national holiday spaces should be filled in with the figure "1" only when an employee has actually performed service, or with the letter "S" when on sick leave, or with the letter "O" when on leave without pay. The letter "L" should never be entered in Sunday or national holiday spaces, as Sundays and such holidays are not counted as annual leave.

There are occasions when it is absolutely necessary to *know* whether or not an employee performed service on a Sunday or holiday, and the record shown by the time report should be such as will *positively convey this information in all cases.*

The printed instructions at the bottom of time reports relating to use of symbols for denoting the various kinds of information, also those in the heading of leave record columns to the right of the sheet, should be adhered to more strictly. Entries made in the leave record columns should never include

any leave taken during the current month, that is, the month covered by the Form T-40 or T-40a in hand, as such leave is shown in the body of the current report, if any has been taken. If no leave whatever has been taken during the current month the columns for indicating the employee's record of previous leave should be left blank.

Strict compliance with these instructions will facilitate prompt payment of salaries.

TRANSPORTATION REQUESTS AND THE USE OF SCRIP.

When more than one scrip book is purchased at a time from a single appropriation, they should be purchased with a single transportation request, but in reporting the purchase to the bureau a separate Form T-11 should be submitted for each book.

All information called for on Form T-11 should be carefully and completely supplied, particularly the appropriation from which the scrip is to be paid. When a scrip book is purchased from a certain appropriation, the appropriation should be noted on each book and the scrip not used for travel chargeable to another appropriation, except in an emergency. In that event a separate T-12 scrip report in duplicate should be submitted with reimbursement accounts on which the emergency use and appropriation are plainly indicated and explained.

All transportation requests issued by the bureau indicate the appropriation to which their use is chargeable, and a record is made of same. Except in an emergency they must not be used for travel chargeable to some other appropriation. When so used, a brief memorandum stating the emergency and the appropriation involved should be securely fastened to the transportation-request stub forwarded to the bureau. Moreover, the bureau should be advised immediately of the matter by letter, giving the number and date of the request used and the object of the travel.

FIELD PRINTING MUST NOT BE DONE WITHOUT AUTHORITY.

Section 11 of Public Act No. 314, Sixty-fifth Congress, approved March 1, 1919, provides as follows:

"All printing, binding, and blank-book work for Congress, the Executive Office, the judiciary, and every executive department, independent office, and establishment of the Government shall be done at the Government Printing Office, except such classes of work as shall be deemed by the Joint Committee on Printing to be urgent or necessary to have done elsewhere than in the District of Columbia for the exclusive use of any field service outside of said District."

The Joint Committee on Printing in its Regulations No. 3 of June 21, 1919, after granting permission for certain specified field services to have such work done elsewhere than at the Government Printing Office, orders that "no printing, binding, or blank-book work shall be done elsewhere than at the Government Printing Office for any other field service of the Government except as may be specifically authorized by the Joint Committee on Printing."

The committee in its Regulations No. 4 of July 24, 1919, authorizes the Secretary of Agriculture, within certain limits, to have urgent or necessary printing for field services done elsewhere than at the Government Printing Office during the fiscal year 1920.

As a general rule, therefore, all printing, binding, and blank-book work for the Bureau of Animal Industry must be done at the Government Printing Office. In case of emergency, when it seems necessary to have field printing done elsewhere, application must be made to the Washington office and approval obtained in advance. Telegraph may be used in urgent cases.

Vouchers for unauthorized printing can not be passed for payment.

DISCONTINUANCE OF THE USE OF BUREAU FORMS.

Frequently a form used in the field service of the bureau is discontinued or is replaced by a new form of a different number, or its number is changed. Often no formal notification of these changes is given to the field stations. The absence of this definite information is confusing to the stations and also to the employees of the storeroom. Therefore, all changes in established forms should be made the subject of an explicit notice in the Service and Regulatory Announcements. Information should be sent to the editor in such cases.

DISPOSAL OF OBSOLETE FORMS OF THE BUREAU.

Permission has been obtained from the Secretary of Agriculture to destroy or otherwise dispose of such of the accumulated obsolete and worthless files enumerated herein as are more than 3 years old and which do not form any of the permanent records of the bureau. Whenever such accumulated files can be sold as waste paper without risk of their falling into the hands of persons who might make improper use of them they should be sold and the proceeds turned in as miscellaneous receipts. In carrying out these instructions please be guided by paragraphs 9 and 23 of the Property Regulations. Any moneys received from sales should be transmitted promptly to the Washington office of the bureau in the form of post-office money order payable to A. Zappone, disbursing clerk. Files which it is clearly inadvisable to sell as waste paper (such as press copy book and other correspondence) should be destroyed.

Field Inspection Forms.

The "12" series of forms pertaining to the immunization and interstate shipment of swine.

The "24" series of forms pertaining to sheep scabies.

The "48" series of forms pertaining to scabies (mange) of cattle.

The "49" series of forms so far as they cover the mallein testing and interstate shipments of horses.

The "62" series of forms pertaining to the cleaning and disinfection of cars.

The "63" series of forms pertaining to the mallein testing and interstate shipment of horses.

Meat Inspection Forms.

M. I. 102, Individual time slip.

M. I. 109, Monthly report of receipts and shipments of inspected meats.

M. I. 109-C, Inspected and passed meat transferred by team.

M. I. 109-D, Request to seal cars of meat and products.

M. I. 109-F, Notice of meats shipped in sealed cars.

M. I. 109-FF, Notice of unmarked import meat shipped under seal.

M. I. 109-J and 109-JJ, Report of inspections of imported meats and products.

M. I. 109-L, Report of inspections of imported meats and products sent to United States Collector of Customs.

M. I. 110, Monthly report supervision of meats and meat food products prepared.

M. I. 112, Daily summary of suspected, retained, and condensed animals and carcasses.

M. I. 112-D, Summary of final post-mortem examination of suspect and retained carcasses.

M. I. 112-F, Report of final post-mortem examination of suspect and retained carcasses.

- M. I. 113, Monthly report of meats and products condemned on reinspection.
- M. I. 113-A, Daily report of meats and products condemned on reinspection.
- M. I. 114, Monthly reports of sterilization and tanking.
- M. I. 114-A, Daily reports of sterilization and tanking.
- M. I. 115-A, Weekly reports on sanitation.
- M. I. 116, Daily report of preservative export certificates issued.
- M. I. 116-A, Request for preservative export certificates and stamps.
- M. I. 116-B, Receipt by establishments of preservative certificates.
- M. I. 119, Ante-mortem reports.
- M. I. 119-A, Ante- and post-mortem identification tags.
- M. I. 120, Post-mortem reports.
- M. I. 121, Daily report of regular export certificates.
- M. I. 121-A, Request for regular export certificates and stamps.
- M. I. 121-B, Receipt by establishment for regular export certificates.
- M. I. 122, Daily report of inedible product certificates issued.
- M. I. 122-A, Request for inedible certificates and stamps.
- M. I. 122-B, Receipt for inedible certificates.
- M. I. 124-A, Daily report by establishments showing slaughter, receipts, and shipments and meat food products prepared.
- M. I. 124-B, Report showing the daily bureau activities at each official establishment.
- M. I. 124-BB, Daily report showing the bureau activities at nonkilling establishments.
- M. I. 124-C, Quarterly report by establishments of interstate and foreign commerce.
- M. I. 126, Certificate of disposal of animals on ante- or post-mortem inspection.
- M. I. 128, Memorandum of establishments inspected.
- M. I. 130, Monthly report of ante-mortem and post-mortem inspections.
- M. I. 131, 131-A, and 131-B, Return shipments of inspected meats alleged to be unsound.
- M. I. 134, Condemnation of products received from other establishments.
- M. I. 140 and 140-A, Reports of handling of meats for sterilization.
- M. I. 148, Inspections of meats and products for the U. S. Navy and other departments.
- M. I. 150, Report of appeal from inspector's decision.
- M. I. 151 and 151-A, Report regarding bureau and house brands.

Other Forms and Papers.

Similar routine reports from other divisions of the bureau.

Press copy books of correspondence addressed to the Washington office, the originals of which are on file in this bureau and carbon copies of which are in the station files.

Press copy books of correspondence to persons outside of the Bureau of Animal Industry.

Daily reports of employees from which station reports are compiled for transmission to the bureau at Washington, D. C.

Miscellaneous and general correspondence which, in the judgment and discretion of the person in charge, is obsolete and worthless and which forms no part of the permanent records of the bureau.

Requisitions for materials and supplies, the originals of which have been sent to the bureau in Washington, and correspondence pertaining thereto, which, in the judgment and discretion of the person in charge, are obsolete and worthless and form no part of the permanent records of the bureau.

FORMS DISCONTINUED OR RESTRICTED.

The following forms are obsolete and will not be carried in stock by the bureau storeroom:

V. S forms 41, 41-A, 41-B, 42, 42-A, 43, 43-A, 47, 47-G, 48, 48-A, 53, and 61.

Stocks of V. S form 50 will be used until the present supply is exhausted. This form is then superseded by a revised form, V. S form 67.

A supply of the following forms will be kept in stock, but they will be limited to those stations where conditions make their use desirable:

V. S forms 47-A, 47-B, 47-C, 47-D, 47-E.

In the future, supplies of the above-named forms will be furnished only upon requisition in the usual manner on form P-1.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Louisville & Nashville Railroad Co. (2 cases), \$150 fines and \$47.34 costs.

PUBLICATIONS IN JANUARY.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publications and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 1078. Harvesting and Storing Ice on the Farm. By John T. Bowen, Dairy Division. Pp. 31, figs 22.

Better Sires—Better Stock posters. Two sizes. 10 by 14 inches and 18 by A. I. 36. State Sanitary Requirements Governing Admission of Live Stock. Compiled from reports of accredited officials of each State. Pp. 67.

Better Sires—Better Stock posters. Two sizes. 10 by 14 inches and 18 by 30 inches printed in four colors.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

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Assistant Chief: B. H. RAWL.

Chief Clerk: CHARLES C. CARROLL.

Editor: D. S. BURCH.

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Biochemic Division: M. DORSET, chief.

Dairy Division: B. H. RAWL, chief.

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Experiment Station: E. C. SCHROEDER, superintendent.

Division of Hog-Cholera Control: U. G. HOUCK, chief.

Office of Virus-Serum Control: D. I. SKIDMORE, acting in charge.

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